09773914.020204

FIG.1

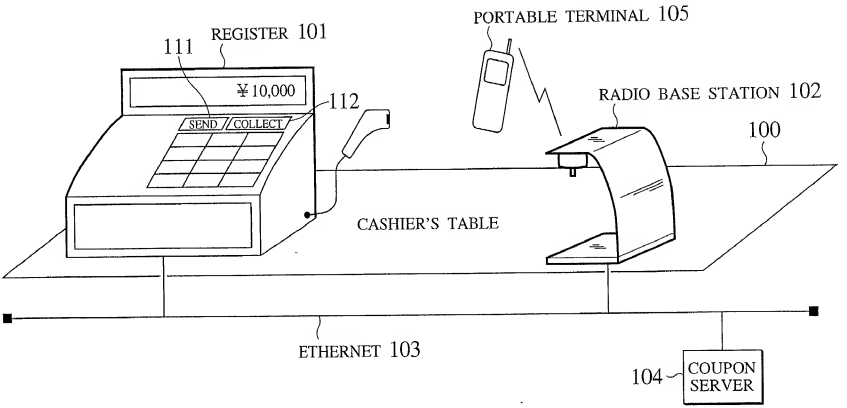

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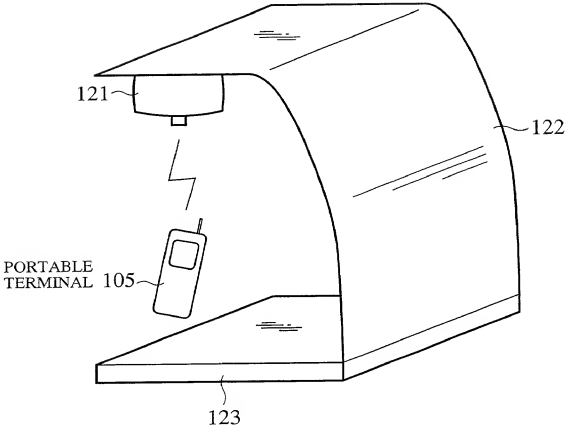
FIG.2



09/764,134 01/17/2001

FIG.3

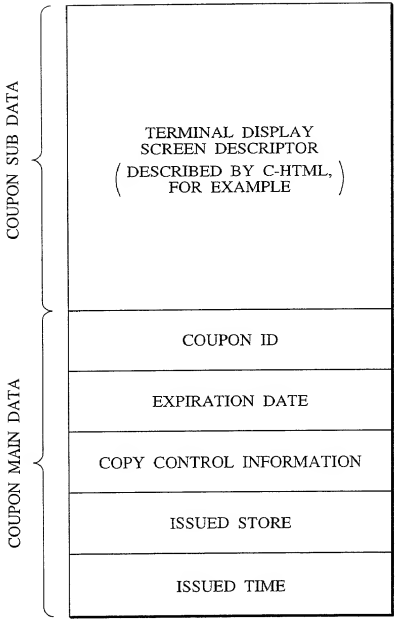


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FIG.4

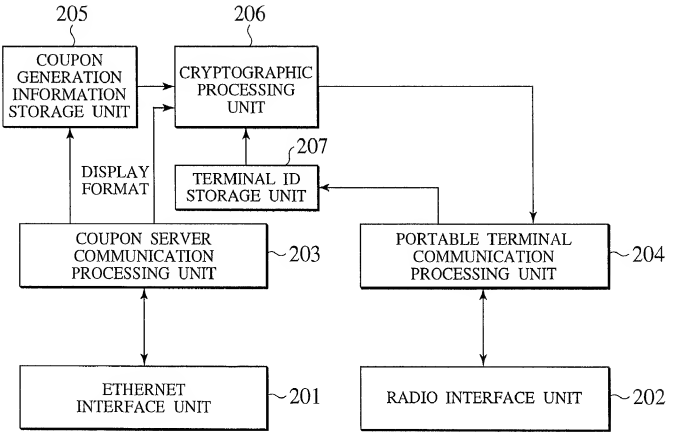

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FIG.5

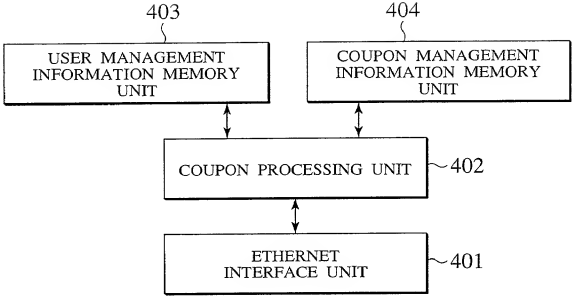


FIG.6

USER ID	USER ATTRIBUTE INFORMATION	TERMINAL ID	SERVICE INFORMATION
. . . .	. . . .	. . . .	. . . .

FIG.7

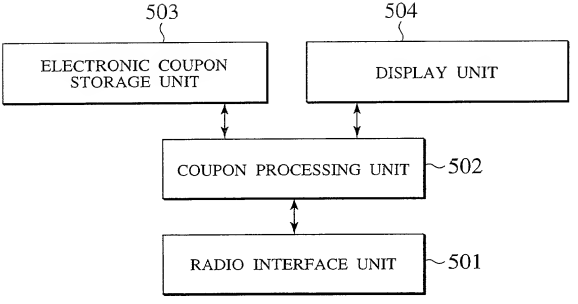
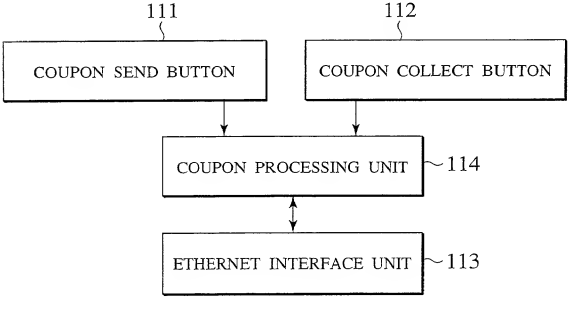

503
504
ELECTRONIC COUPON STORAGE UNIT
DISPLAY UNIT
COUPON PROCESSING UNIT
502
RADIO INTERFACE UNIT
501

FIG.8


111
112
COUPON SEND BUTTON
COUPON COLLECT BUTTON
COUPON PROCESSING UNIT
114
ETHERNET INTERFACE UNIT
113

09773914 .020204

FIG.9

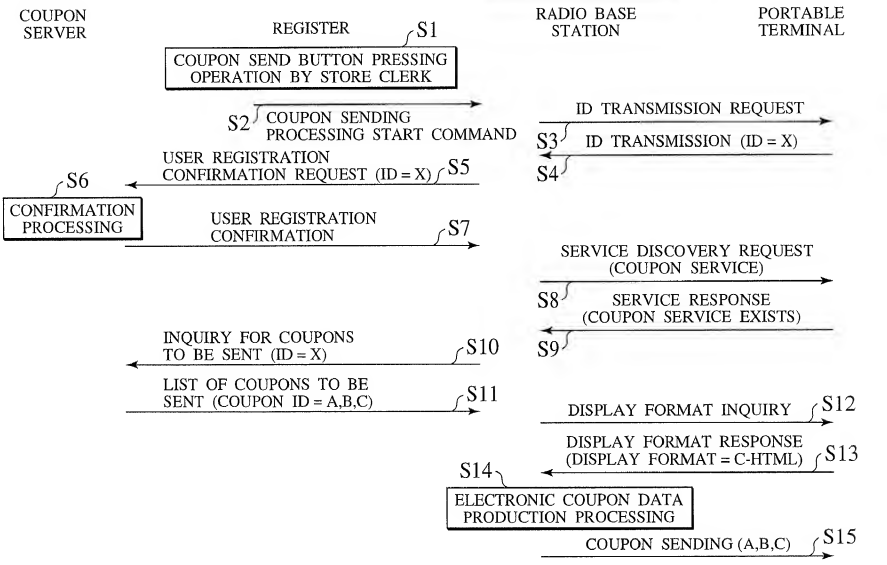


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FIG.10A

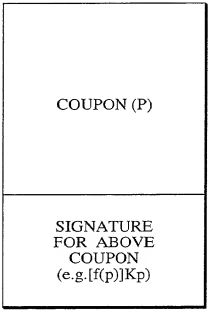

FIG.10B

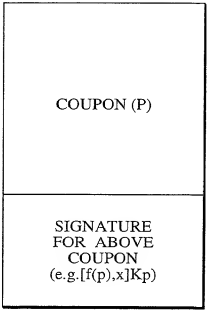

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FIG.11

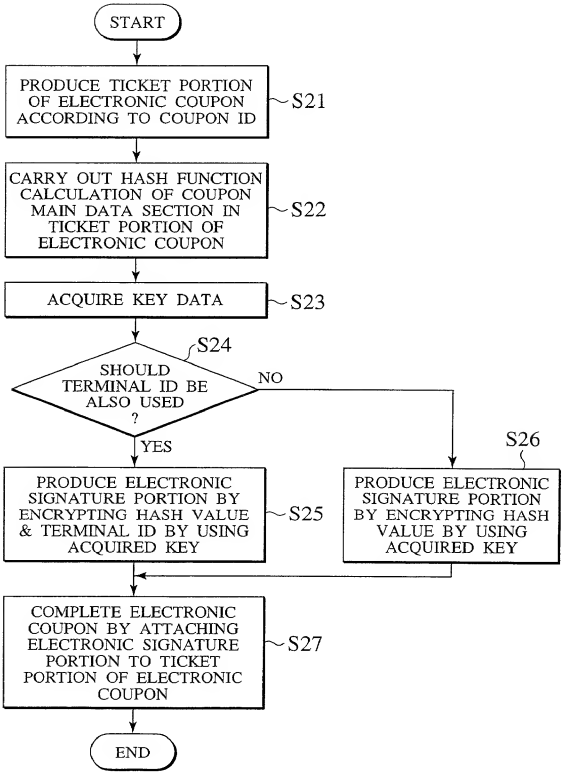

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FIG.12

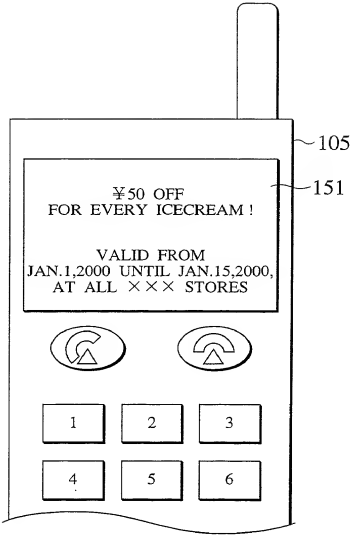

105
151
¥50 OFF
FOR EVERY ICECREAM !
VALID FROM
JAN.1,2000 UNTIL JAN.15,2000,
AT ALL ××× STORES
1
2
3
4
5
6

FIG.13

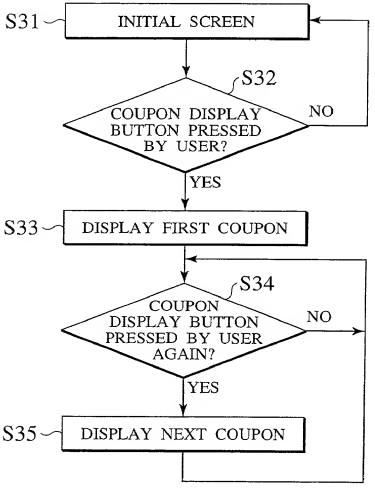
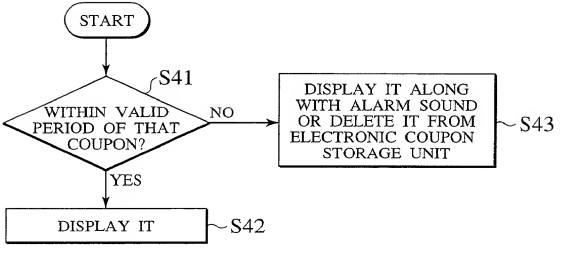

S31
INITIAL SCREEN
S32
COUPON DISPLAY BUTTON PRESSED BY USER?
NO
YES
S33
DISPLAY FIRST COUPON
S34
COUPON DISPLAY BUTTON PRESSED BY USER AGAIN?
NO
YES
S35
DISPLAY NEXT COUPON

FIG.14


START
S41
WITHIN VALID PERIOD OF THAT COUPON?
NO
DISPLAY IT ALONG WITH ALARM SOUND OR DELETE IT FROM ELECTRONIC COUPON STORAGE UNIT
S43
YES
DISPLAY IT
S42

US2020/0279294A1 09/03/2020

FIG.15

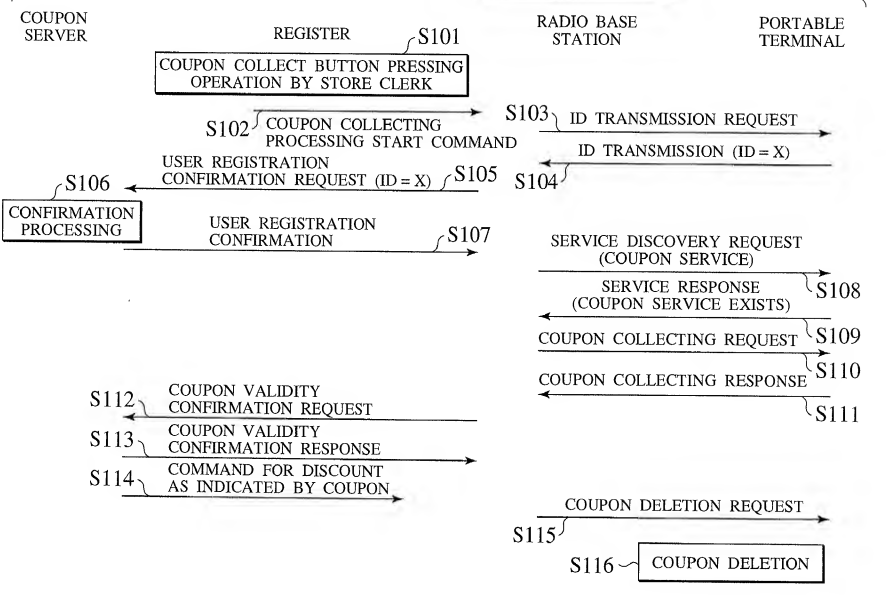


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FIG.16

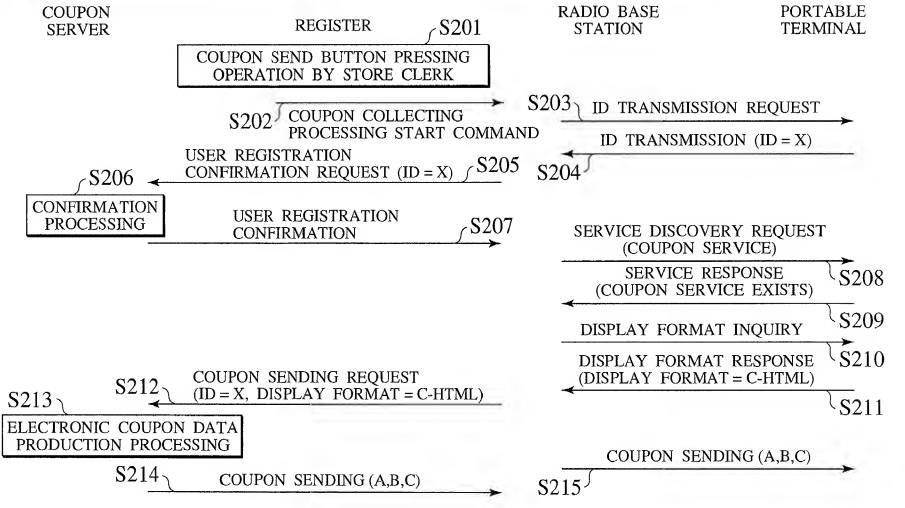

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FIG.17

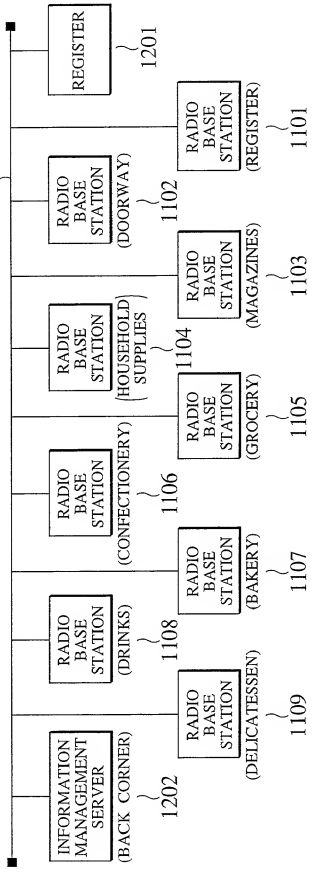
ETHERNET 1210
INFORMATION MANAGEMENT SERVER
(BACK CORNER)
1202
RADIO BASE STATION
(DELICATESSEN)
1109
RADIO BASE STATION
(DRINKS)
1108
RADIO BASE STATION
(BAKERY)
1107
RADIO BASE STATION
(CONFECTIONERY)
1106
RADIO BASE STATION
(GROCERY)
1105
RADIO BASE STATION
(HOUSEHOLD SUPPLIES)
1104
RADIO BASE STATION
(MAGAZINES)
1103
RADIO BASE STATION
(DOORWAY)
1102
RADIO BASE STATION
(REGISTER)
1101
REGISTER
1201

FIG.18

TO2020"4T69E7460

09773914.020201

FIG.19

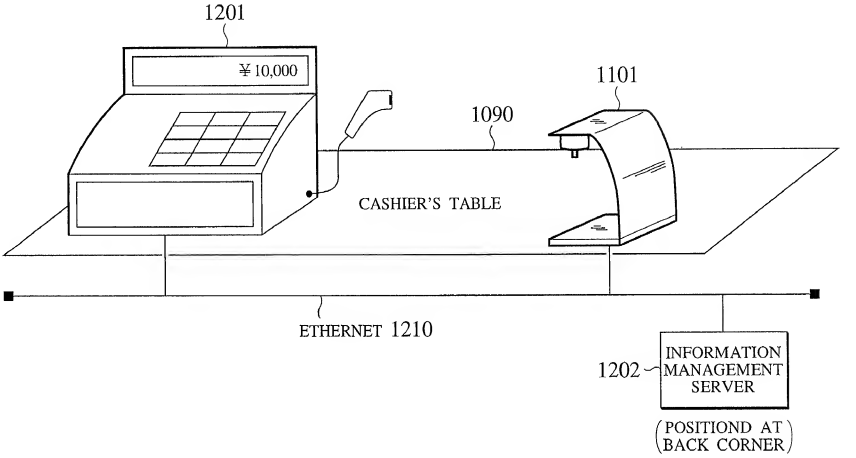

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FIG.20

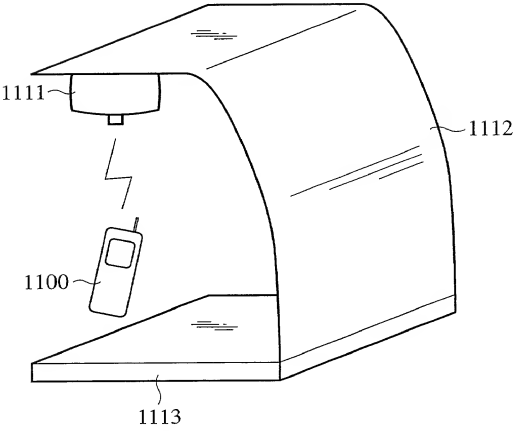

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FIG.21

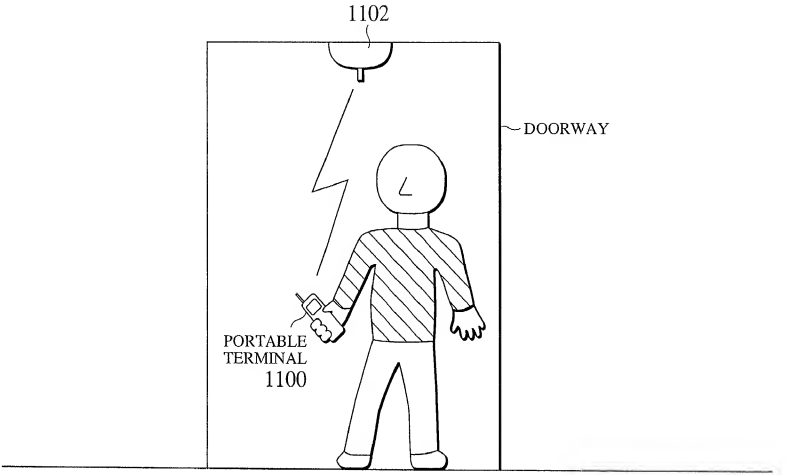

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FIG.22

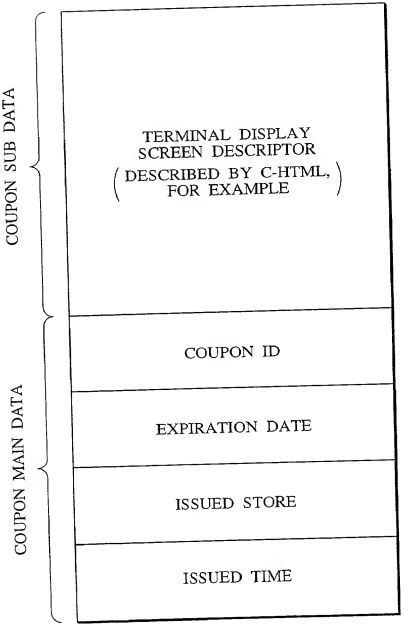

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FIG.23

TERMINAL ID	USER ATTRIBUTE INFORMATION (NAME,ADDRESS,AGE,SEX,ETC.)	TIME	PLACE	IDs OF SENT/COLLECTED COUPONS	PURCHASED ITEM
×	GEORGE BUSH 2001 42ND ST., MANHATTAN 30, MALE	T_1	DOORWAY	A(SENT)	
		T_2	DRINKS		
		$T_2+\alpha$	DRINKS		
		$T_2+2\alpha$	DRINKS		
		T_3	REGISTER	B(COLLECTED)	××CORP. OOLONG TEA

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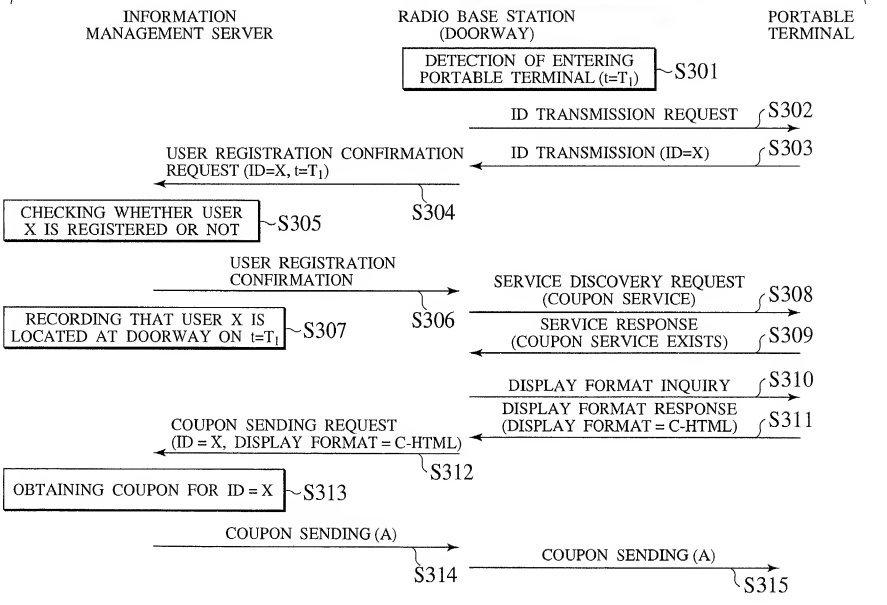
FIG.24



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DOCKET #: 525.47102US1D
INVENTOR: Takashi SAITO et al.
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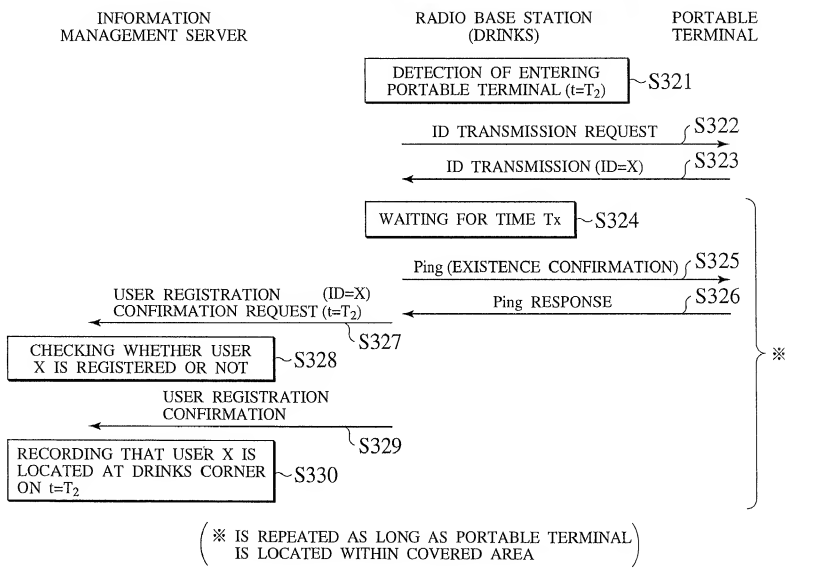
FD2020 hT6E7760

FIG.25



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DOCKET #: 202762US2RD
INV: Takeshi SAITO, et al.
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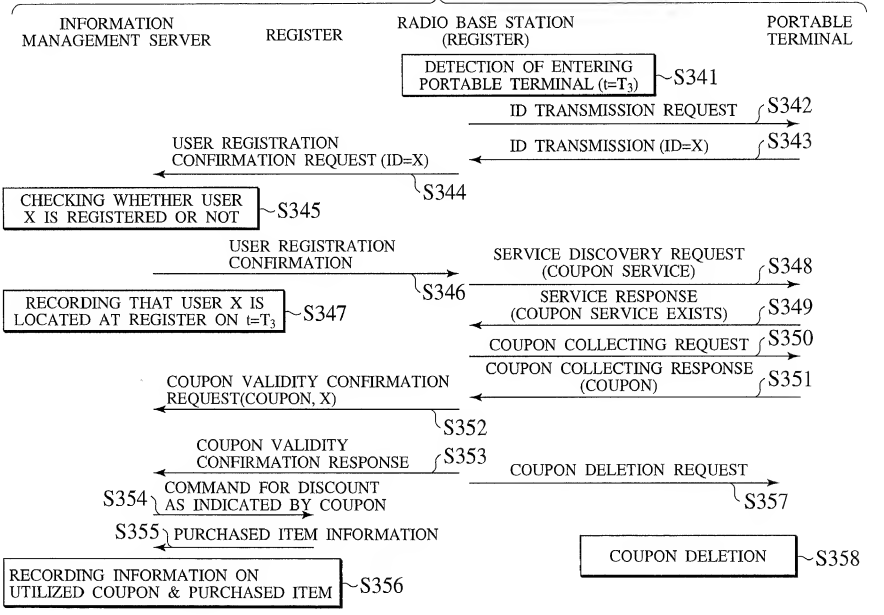
FIG.26



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DOCKET #: 202762US2RD
INV.: Takeshi SAITO, et al.
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